## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	arch Query DBs Default Plural Operator		Plurals	Time Stamp	
S2	1	kishida-kyosuke.in.	US-PGPUB; USPAT	OR	ON	2008/08/13 09:21	
S3	6	demura-masahiko.in.	US-PGPUB; USPAT	OR	ON	2008/08/13 09:22	
S4	11	hirano-toshiyuki.in.	US-PGPUB; USPAT	OR	ON	2008/08/13 09:22	
S5	16	US-20051001861-\$.DID. OR US-2200638-\$.DID. OR US-20030004059-\$. DID. OR US-5090997-\$. DID. OR US-5116901-\$. DID. OR US-4214807-\$. DID. OR US-2279502-\$. DID. OR US-1111990-\$. DID. OR US-2141402-\$. DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/13 12:12	
S6	4	xu-ya.in.	US-PGPUB; USPAT	OR	ON	2008/08/14 11:43	
S7	1	kishida-kyosuke.in.	US-PGPUB; USPAT	OR	ON	2008/08/14 11:43	
S8	6	demura-masahiko.in.	US-PGPUB; USPAT	OR	ON	2008/08/14 11:43	
S9	11	hirano-toshiyuki.in.	US-PGPUB; USPAT	OR	ON	2008/08/14 11:43	
S10	14	S6 or S7 or S8 or S9	US-PGPUB; USPAT	OR	ON	2008/08/14 11:43	
S12	525	502/300.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/15 17:09	
S13	307	48/198.7.cds.	US-PGPUB; USPAT	OR	ON	2008/08/15 17:09	
S14	4	xu-ya.in.	US-PGPUB; USPAT	OR	ON	2008/08/18 11:38	
S15	1	kishida-kyosuke.in.	US-PGPUB; USPAT	OR	ON	2008/08/18 11:38	
S16	6	demura-masahiko.in.	US-PGPUB; USPAT	OR	ON	2008/08/18 11:38	
S17	11	hirano-toshiyuki.in.	US-PGPUB; USPAT	OR	ON	2008/08/18 11:38	
S18	14	S14 or S15 or S16 or S17	US-PGPUB; USPAT	OR	ON	2008/08/18 11:38	
S19	1	S18 and catalyst	US-PGPUB; USPAT	OR	ON	2008/08/18 11:38	

S20	4	xu-ya.in.	US-PGPUB; USPAT	OR	ON	2008/08/19 11:53
S21	1	kishida-kyosuke.in.	US-PGPUB; USPAT	OR	ON	2008/08/19 11:53
S22	6	demura-masahiko.in.	US-PGPUB; USPAT	OR	ON	2008/08/19 11:53
S23	11	hirano-toshiyuki.in.	US-PGPUB; USPAT	OR	ON	2008/08/19 11:53
S24	14	S20 or S21 or S22 or S23	US-PGPUB; USPAT	OR	ON	2008/08/19 11:53
S25	1	S24 and methanol	US-PGPUB; USPAT	OR	ON	2008/08/19 12:03
S26	1	S24 and reform\$4	US-PGPUB; USPAT	OR	ON	2008/08/19 12:03
\$27	16	US-20051001861-\$.DID. OR US-2200638-\$.DID. OR US-20030004059-\$. DID. OR US-5090997-\$. DID. OR US-5116901-\$. DID. OR US-4214807-\$. DID. OR US-2279502-\$. DID. OR US-1111990-\$. DID. OR US-2141402-\$. DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 14:10
S28	1	S27 and methanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 14:10
S29	72823	"502"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 15:46
S30	4148	428/408.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 15:47
S31	76922	S29 or S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 15:47
S32	7164042	"Ni.sub.3" Al	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 15:47
S33	43661	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 15:47

S34	30719	S33 and (powder or granule or particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 15:48
S35	1519	S34 and roll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 15:48
S36	51	S35 and solidification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 15:48
S37	792	"Ni.sub.3" with Al	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 16:01
S38	27	S33 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 16:02
S39	74	S37 and catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/19 16:25
S40	1	S24 and S37	US-PGPUB; USPAT	OR	ON	2008/08/19 16:51
S41	1	S24 and ingot	US-PGPUB; USPAT	OR	ON	2008/08/19 17:03
S42	1	S24 and nano\$6	US-PGPUB; USPAT	OR	ON	2008/08/19 17:04
S43	1	S24 and hydrogen	US-PGPUB; USPAT	OR	ON	2008/08/19 17:04
S44	2345	carbon near nanofiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 17:33
S45	1000	S44 and ((Ni or nickel) or ("Ni.sub.3." adj Al)) and particles	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 17:34
S46	273	S45 and deposit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 17:34
S47	201	S46 and catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 17:34

S48	0	S44 and ("Ni.sub.3." adj Al) and particles	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 17:43
S49	0	S44 and ("Ni.sub.3." adj Al)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 17:43
S50	285	S44 and ((Ni or nickel) or ("Ni.sub.3." adj Al)) and (metal near particles)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 17:48
S51	225	S50 and catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 17:48
S52	2	"6471936".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 18:02
S53	2	"6350488".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/19 18:07
S56	1	("20080014431").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/20 15:00
S57	12	hirano-toshiyuki.in.	US-PGPUB; USPAT	OR	ON	2009/03/03 18:28
S58	47340	"502".clas.	US-PGPUB; USPAT	OR	ON	2009/03/03 18:29
S59	34478	S58 and catalyst	US-PGPUB; USPAT	OR	ON	2009/03/03 18:29
S60	195	S59 and (methanol near reform\$3)	US-PGPUB; USPAT	OR	ON	2009/03/03 18:30
S61	100	S60 and (nickel or ni) and (aluminum or al)	US-PGPUB; USPAT	OR	ON	2009/03/03 18:30
S62	978	"ni.sub.3al" or "ni.sub.3 al" or ni3al	US-PGPUB; USPAT	OR	ON	2009/03/03 18:32
S63	750	S61 and "ni.sub.3al" or "ni.sub.3 al" or ni3al	US-PGPUB; USPAT	OR	ON	2009/03/03 18:33
S64	3	S61 and ("ni.sub.3al" or "ni.sub.3 al" or ni3al)	US-PGPUB; USPAT	OR	ON	2009/03/03 18:33
S65	111	S62 and catalyst	US-PGPUB; USPAT	OR	ON	2009/03/03 18:51

S66	10	S65 and (methanol near reform\$4)	US-PGPUB; USPAT	OR	ON	2009/03/03 18:52
S67	979	"ni.sub.3al" or "ni.sub.3 al" or ni3al	US-PGPUB; USPAT	OR	ON	2009/03/11 15:36
S68	111	S67 and catalyst	US-PGPUB; USPAT	OR	ON	2009/03/11 15:36
S69	92	S68 and (powder or granule)	US-PGPUB; USPAT	OR	ON	2009/03/11 15:36
S70	22	"5330701"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/17 12:48
S71	2	"01222002"	JPO; DERWENT	OR	OFF	2009/03/17 12:48
S72	2	"50036302"	JPO; DERWENT	OR	OFF	2009/03/17 12:48
S73	3	"2001048022"	DERWENT	OR	OFF	2009/03/17 12:49
S74	6	"6444061"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/17 16:16
S75	96	methanol near reforming near catalyst	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 13:05
S76	52	S75 and (Ni or nickel) and (al or aluminum)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 13:06
S77	8	S76 and ((reduce or reduction) near hydrogen)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 13:17
S78	1	"20030042226"	US-PGPUB; USPAT	OR	ON	2009/03/24 14:26
S79	1	"2002201014"	JPO	OR	ON	2009/03/24 14:35
S80	41	"5496655"	US-PGPUB; USPAT	OR	ON	2009/03/25 16:12
S81	1	"20030042226"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/10 20:45
S82	1322	carbon with nano with tubes	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/10 20:49
S83	139	S82 and (fine with metal with particles)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/10 20:49
S84	37	S83 and hydrogen	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/10 20:49
S85	42	"5496655"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/10 20:52
S86	1	"5496655".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/10 20:52
S87	23	"5330701"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/10 21:01
S88	5	xu-ya.in.	US-PGPUB; USPAT	OR	ON	2009/10/20 14:50

## **EAST Search History (Interference)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	503	502/300.ccls.	USPAT; UPAD	OR	ON	2011/11/21 14:04
L3	108	I2 and methanol	USPAT; UPAD	OR	ON	2011/11/21 14:04
L4	231	48/198.7.ccls.	USPAT; UPAD	OR	ON	2011/11/21 14:04
L5	80	I4 and methanol	USPAT; UPAD	OR	ON	2011/11/21 14:04
L6	0	13 and 15	USPAT; UPAD	OR	ON	2011/11/21 14:04
L7	188	13 or 15	USPAT; UPAD	OR	ON	2011/11/21 14:04

11/21/2011 2:05:17 PM

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